

UTi716B/UTi720B

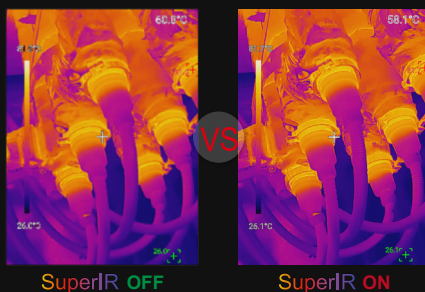
Heavy-duty Thermal Camera



Introduction

On the premise of inheriting the sturdy & durable design of the last generation products, UTi716B & UTi720B have been upgraded in technical level. With Super resolution & T-Mix 2.0 image fusion algorithm, the radiometric thermal images are visualized and 4x increase in quality. Wi-Fi connection provides users with convenience of data analysis in HVAC inspection, electrical equipment maintenance, etc. daily measurement scenarios.

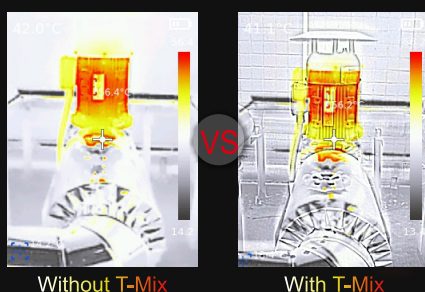
Super Resolution



Wi-Fi Connectivity



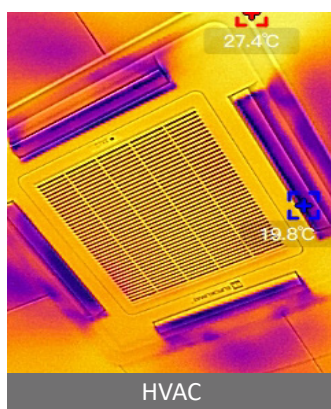
T-Mix



Video Recording



Applications



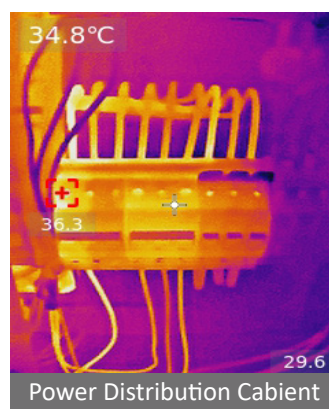
HVAC



R&D



Mechanical Equipment



Power Distribution Cabinet

Specifications

Model No.	UTi716B		UTi720B	
Technical Data				
Display	2.8" TFT (320×240)			
IR resolution(Pixels)	160×120		256×192	
Super resolution(Pixels)	√ (320×240)		√ (512×384)	
Pixel size	12μm			
Frame rate	≤25Hz			
Thermal sensitivity(NETD)	≤50mK			
Focus	Focus Free			
Field of view(FOV)	40°(H) × 30°(V)		56°(H) × 42°(V)	
Temperature measurement range	-20°C~550°C			
Accuracy	20 °C~120 °C , ±1.5 °C or ±1.5% whichever is greater, -10 °C~20 °C , 120 °C~550 °C , ±2 °C or ±2% whichever is greater			
Functions				
Color palettes	White Hot, Black Hot, Red Hot, Ironbow, Lava, Rainbow, Rainbow HC			
Image modes	Thermal, Visual image, T-Mix fusion, PIP			
On screen analyzer	5 Points/3 Rectangles			
HI/LO temperature alarm	LCD animation, LED flashlight, Buzzer			
HI/LO temperature tracking	√			
Digital camera resolution	2MP			
Video recording	√			
Wi-Fi/Wi-Fi live streaming	√			
LED lighting	√			
Analysis software	PC+APP			
General Characteristics				
Battery	5000mAh rechargeable Li-ion battery			
Operating time	≥8 hours		≥7 hours	
USB	Type-C			
Storage	Built-in 16GB		Built-in 32GB	
Image/video storage format	JPG/MP4			
Protection	IP65 & 2m drop proof			
Certificates	CE, FCC, RoHS			
Languages	EN, FR, DE, ES, IT, SV, PL, CZ			
Weight	600g			
Dimension	236mm×75.5mm×86mm			



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